

Rec'd PCT/PTO 27 MAY 2005

IDS - 05/27/2005  
Docket No. 272924US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Satomi ONOUE, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/14924

FILED: Herewith

FOR: PEPTIDES AND MEDICINAL COMPOSITIONS CONTAINING THE SAME

GAU: 1654

EXAMINER: Julie Ha

#2

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

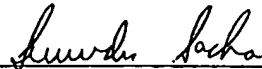
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon

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(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

|  |    |   |          |   |                       |   |                               |
|--|----|---|----------|---|-----------------------|---|-------------------------------|
| Form PTO 1449<br>(Modified)  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |          | ATTY DOCKET NO.<br>272924US0PCT                             |                       | SERIAL NO.<br>New U.S. PCT Application<br>Based on PCT/JP03/14924 |                               |
| LIST OF REFERENCES CITED BY APPLICANT  |    |   |          | APPLICANT<br>Satomi ONOUE, et al.                           |                       |   |                               |
| FILING DATE<br>Herewith  |    |   |          | GROUP   |                       |   |                               |
| U.S. PATENT DOCUMENTS  |    |   |          |   |                       |   |                               |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER  | DATE     | NAME  | CLASS                 | SUB<br>CLASS  | FILING DATE<br>IF APPROPRIATE |
|  | AA |   |          |   |                       |   |                               |
|  | AB |   |          |   |                       |   |                               |
|  | AC |   |          |   |                       |   |                               |
|  | AD |   |          |   |                       |   |                               |
|  | AE |   |          |   |                       |   |                               |
|  | AF |   |          |   |                       |   |                               |
|  | AG |   |          |   |                       |   |                               |
|  | AH |   |          |   |                       |   |                               |
|  | AI |   |          |   |                       |   |                               |
|  | AJ |   |          |   |                       |   |                               |
|  | AK |   |          |   |                       |   |                               |
|  | AL |   |          |   |                       |   |                               |
|  | AM |   |          |   |                       |   |                               |
|  | AN |   |          |   |                       |   |                               |
| FOREIGN PATENT DOCUMENTS   |    |   |          |   |                       |   |                               |
|  |    | DOCUMENT<br>NUMBER  | DATE     | COUNTRY   | TRANSLATION<br>YES NO |   |                               |
| JH   | AO | 03/051387   | 06/26/03 | WO(English abstract only and equivalent to US 2004/0132648) |                       |   | NO                            |
| JH   | AP | 2003-73301  | 03/12/03 | JP(with English abstract)                                   |                       |   | NO                            |
| JH   | AQ | 2001-226284   | 08/21/01 | JP(with English abstract)                                   |                       |   | NO                            |
| JH   | AR | 0 796 867   | 09/24/97 | EP(Equivalent of US 5,856,303)                              |                       |   | NO                            |
| JH   | AS | 11-100399   | 04/13/99 | JP(with English abstract)                                   |                       |   | NO                            |
| JH   | AT | 0 529 487   | 03/03/93 | EP  |                       |   | NO                            |
|  | AU |   |          |   |                       |   |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  |    |   |          |   |                       |   |                               |
| JH   | AV | Masayoshi ONOE et al., "VIP/PACAP Yudotai no Kozo Kassel Sokan - N Tanbu no Rittai Kozo Kenkyu-", The Pharmaceutical Society of Japan, Dai 119 Nenkaishu 1999, Vol.119, No.3, page 69, (30[PV] 10-016). |          |   |                       |   |                               |
| JH   | AW | K. KASHIMOTO et al., "Structure-Activity Relationship Studies of PACAP-27 and VIP Analogues" Peptide Chemistry, 33 <sup>rd</sup> , pages 361-364, 1995.   |          |   |                       |   |                               |
| JH   | AX | K. KASHIMOTO et al., "Structure-Activity Relationship Studies of PACAP-27 and VIP Analogues" Annals New York Academy of Sciences, Vol. 805, pages 505 to 510, (VIP, PACAP and Related Peptides), 1996.  |          |   |                       |   |                               |
| JH   | AY | A. OKAZAWA et al., "Effect of a novel PACAP-27 analogue on muscarinic airway responsiveness in guinea-pigs in vivo" European Respiratory Journal, Vol. 12, No. 5, pages 1062 to 1066, 1998.             |          |   |                       |   |                               |
| JH   | AZ | M. O'DONNELL et al., "Structure-Activity Studies of Vasoactive Intestinal Polypeptide, The Journal of Biological Chemistry, Vol. 266, No. 10, pages 6389 to 6392, 1991.                                 |          |   |                       | <input type="checkbox"/> Additional References sheet(s) attached  |                               |
| Examiner   |    |   |          | /Julie Ha/  |                       | Date Considered 5/27/05   |                               |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |          |   |                       |   |                               |

IDS 02/09/2006  
Docket No. 272924US0PCT



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PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Satomi ONOUE, et al.

SERIAL NO: 10/536,880

FILED: May 27, 2005

FOR: PEPTIDES AND MEDICINAL COMPOSITIONS CONTAINING THE SAME

GAU: 1654

EXAMINER: Julie Ha #5

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
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MAIER & NEUSTADT, P.C.  
Norman F. Oblon

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(OSMMN 05/03)

U.S. PCT Application Serial No: 10/536,880

Filed: May 27, 2005

Satomi ONOUE, et al.

Docket No. 272924 US

#### STATEMENT OF RELEVANCY

- 1) References                      have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References AA, AO-AR and AW have been cited in the corresponding Supplementary European Search Report. A copy of these references is being submitted herewith.
- 3) References                      are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References                      are additional prior art known to Applicant. A copy of these references is being submitted herewith.

ATTY DOCKET NO.  
272924US0PCTSHEET NO.  
10/536,880

SHEET 1 OF 1

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Satomi ONOUE, et al.

FILING DATE

May 27, 2005.

GROUP

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME        | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|-------------|-------|--------------|-------------------------------|
| JH                  | AA | 4 939 224          | 07/03/90 | MUSSO et al |       |              |                               |
|                     | AB |                    |          |             |       |              |                               |
|                     | AC |                    |          |             |       |              |                               |
|                     | AD |                    |          |             |       |              |                               |
|                     | AE |                    |          |             |       |              |                               |
|                     | AF |                    |          |             |       |              |                               |
|                     | AG |                    |          |             |       |              |                               |
|                     | AH |                    |          |             |       |              |                               |
|                     | AI |                    |          |             |       |              |                               |
|                     | AJ |                    |          |             |       |              |                               |
|                     | AK |                    |          |             |       |              |                               |
|                     | AL |                    |          |             |       |              |                               |
|                     | AM |                    |          |             |       |              |                               |
|                     | AN |                    |          |             |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT<br>NUMBER | DATE     | COUNTRY | TRANSLATION |    |
|----|----|--------------------|----------|---------|-------------|----|
|    |    |                    |          |         | YES         | NO |
| JH | AO | 1 462 112          | 09/29/04 | EP      |             | NO |
| JH | AP | 0 613 904          | 09/07/94 | EP      |             | NO |
| JH | AQ | 0 241 926          | 10/21/87 | EP      |             | NO |
| JH | AR | 89/05857           | 06/29/89 | WO      |             | NO |
|    | AS |                    |          |         |             |    |
|    | AT |                    |          |         |             |    |
|    | AU |                    |          |         |             |    |
|    | AV |                    |          |         |             |    |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

|    |    |  |  |  |  |  |
|----|----|--|--|--|--|--|
| JH | AW | GOZES et al., "Mapping the Active Site in Vasoactive Intestinal Peptide to a Core of Four Amino Acids: Neuroprotective Drug Design", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, Vol. 96, No. 7 pp. 4143-4148 (1999) |  |  |  |  |
|    | AX |  |  |  |  |  |
|    | AY |  |  |  |  |  |
|    | AZ |  |  |  |  | <input type="checkbox"/> Additional References sheet(s) attached |

Examiner

/Julie Ha/

Date Considered

2/9/2006

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.